

Application No.: 10/577,916
Attorney Docket No.: 062440
Amendment under 37 CFR §1.111

AMENDMENTS TO THE CLAIMS

The listing of claims below replaces all prior versions of claims in the application.

1. (Currently Amended): A complex oxide having a composition represented by the formula $\text{La}_v\text{M}^1_w\text{Ni}_x\text{M}^2_y\text{O}_z$; wherein M^1 is at least one element selected from the group consisting of Na, K, Sr, Ca, Bi and Nd; M^2 is at least one element selected from the group consisting of Ti, V, Cr, Mn, Fe, and Co ~~and~~ Cu; and the subscripts are numbers which respectively satisfy $0.5 \leq v \leq 1.2$; $0 \leq w \leq 0.5$; $0.5 \leq x \leq 1.2$; $0.01 \leq y \leq 0.5$; and $2.8 \leq z \leq 3.2$, the complex oxide having a negative Seebeck coefficient at 100°C or higher.
2. (Currently Amended): A complex oxide having a composition represented by the formula $\text{La}_v\text{M}^1_w\text{Ni}_x\text{M}^2_y\text{O}_z$; wherein M^1 is at least one element selected from the group consisting of Na, K, Sr, Ca, Bi and Nd; M^2 is at least one element selected from the group consisting of Ti, V, Cr, Mn, Fe, and Co ~~and~~ Cu; and the subscripts are numbers which respectively satisfy $0.5 \leq v \leq 1.2$; $0 \leq w \leq 0.5$; $0.5 \leq x \leq 1.2$; $0.01 \leq y \leq 0.5$; and $2.8 \leq z \leq 3.2$, the complex oxide having an electrical resistivity of 10 mΩcm or less at 100°C or higher.
3. (Original): An n-type thermoelectric material comprising the complex oxide of Claim 1.
4. (Original): An n-type thermoelectric material comprising the complex oxide of

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Claim 2.

5. (Original): A thermoelectric module comprising the n-type thermoelectric material of

Claim 3.

6. (Original): A thermoelectric module comprising the n-type thermoelectric material of

Claim 4.